

Repair: Ventilator Pedestal Assembly

The ventilator pedestal assembly serves as a movable support stand for the ventilator. Before repairing the ventilator pedestal assembly, familiarize yourself with the warnings, cautions, and general repair instructions in Section 8.

Warning

- Never attempt to push or pull a ventilator installed on a pedestal or cart while the brakes are set on the casters.
 - Always make sure the brakes are set on the casters to prevent inadvertent movement of the ventilator during repair.
 - To avoid personal injury or property damage, use two or more people to tilt or lift ventilator.
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17.1 Removal/Installation of Ventilator Pedestal Assembly

Remove the ventilator pedestal assembly from the ventilator as follows, referring to Figure 17-1. Install the ventilator pedestal assembly to the ventilator by reversing the removal procedures, making sure the ventilator front is facing the casters with brakes.

NOTE:

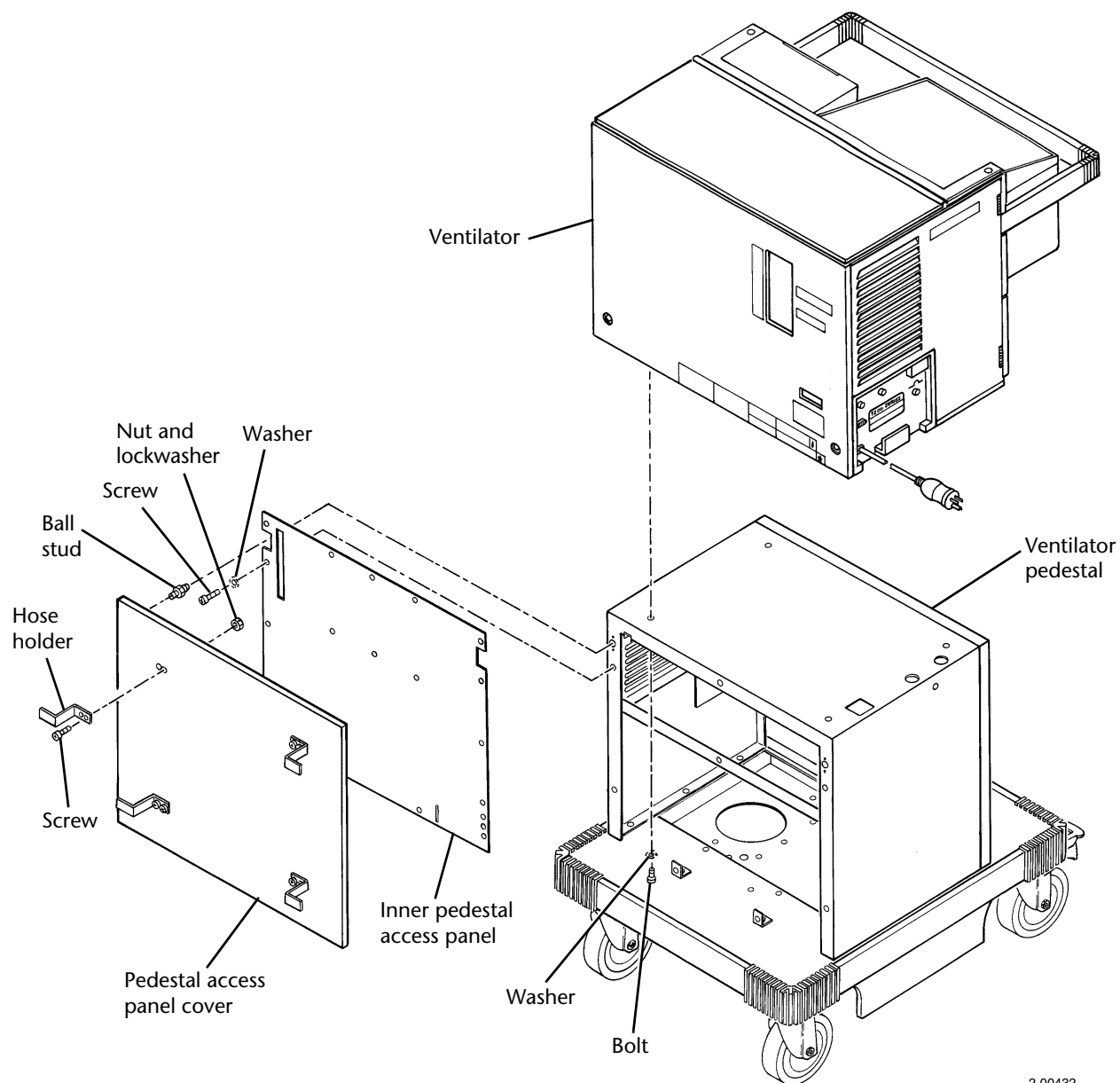
Set the brakes on both front casters to prevent movement of the ventilator during removal and installation of the pedestal assembly. Do not attempt to push or move the ventilator if the brakes are set.

1. Remove pedestal access panel cover and inner access panel (Section 17.2).
2. Remove four bolts and four washers from interior of ventilator pedestal, and remove ventilator from ventilator pedestal.

17.2 Pedestal Access Panel Cover and Inner Access Panel

Remove pedestal access panel cover and inner pedestal access panel as follows, referring to Figure 17-1. Install by reversing removal procedures.

1. Grasp L-shaped hose holders, if present, or top corners of pedestal access cover, and pull outward until ball studs snap out of retainers at both corners.
2. Remove cover by pulling it up and out from bottom.
3. Remove inner pedestal access panel by removing 8 (current versions) or 12 (earlier versions) screws and washers.



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Figure 17-1. Removing Ventilator Pedestal Assembly

17.3 Bumpers

Remove the multipiece (later versions) or one-piece bumpers (earlier versions) from the ventilator pedestal base as follows. Install the bumpers to the ventilator pedestal base by reversing the removal procedures.

NOTE:

To gain access to the bumpers, you may want to carefully tip the ventilator over until it rests on its front rail. Use padding on the floor to prevent damaging the rail.

17.3.1 Multipiece Style with Ribbed Corners

1. Remove two long and two short bumper mounting stiffeners by removing eight screws, eight lockwashers, and eight washers (Figure 17-2).
2. Slide two long bumpers, two short bumpers, and four corner bumpers off mounting stiffeners.

NOTE:

When installing the bumpers, make sure the rounded edges of the bumpers and corners are at the top. Make sure the weldnuts on each stiffener are toward the bottom and facing toward the bumper.

17.3.2 One-Piece Style

1. Remove two long and two short bumper mounting stiffeners by removing eight screws, eight lockwashers, and eight washers.
2. Slide one-piece bumper off mounting stiffeners.

17.4 Casters

Front casters have brakes, while rear casters do not. Remove casters as follows, referring to Figure 17-2. Install by reversing removal procedures, being sure to install casters with brakes at front of pedestal.

NOTE:

To gain access to the casters, you may want to carefully tip the ventilator over until it rests on its front rail. Use padding on the floor to prevent damaging the rail.

1. Position pedestal so that casters are accessible.
2. Remove each caster by removing four screws, four lockwashers, and four flat washers.

NOTE:

If you are installing new casters and the existing casters have side-mounted brakes, you must install a caster upgrade kit (P/N 4-018255-00). The caster kit includes mounting plates, which are required when converting from the earlier caster style.

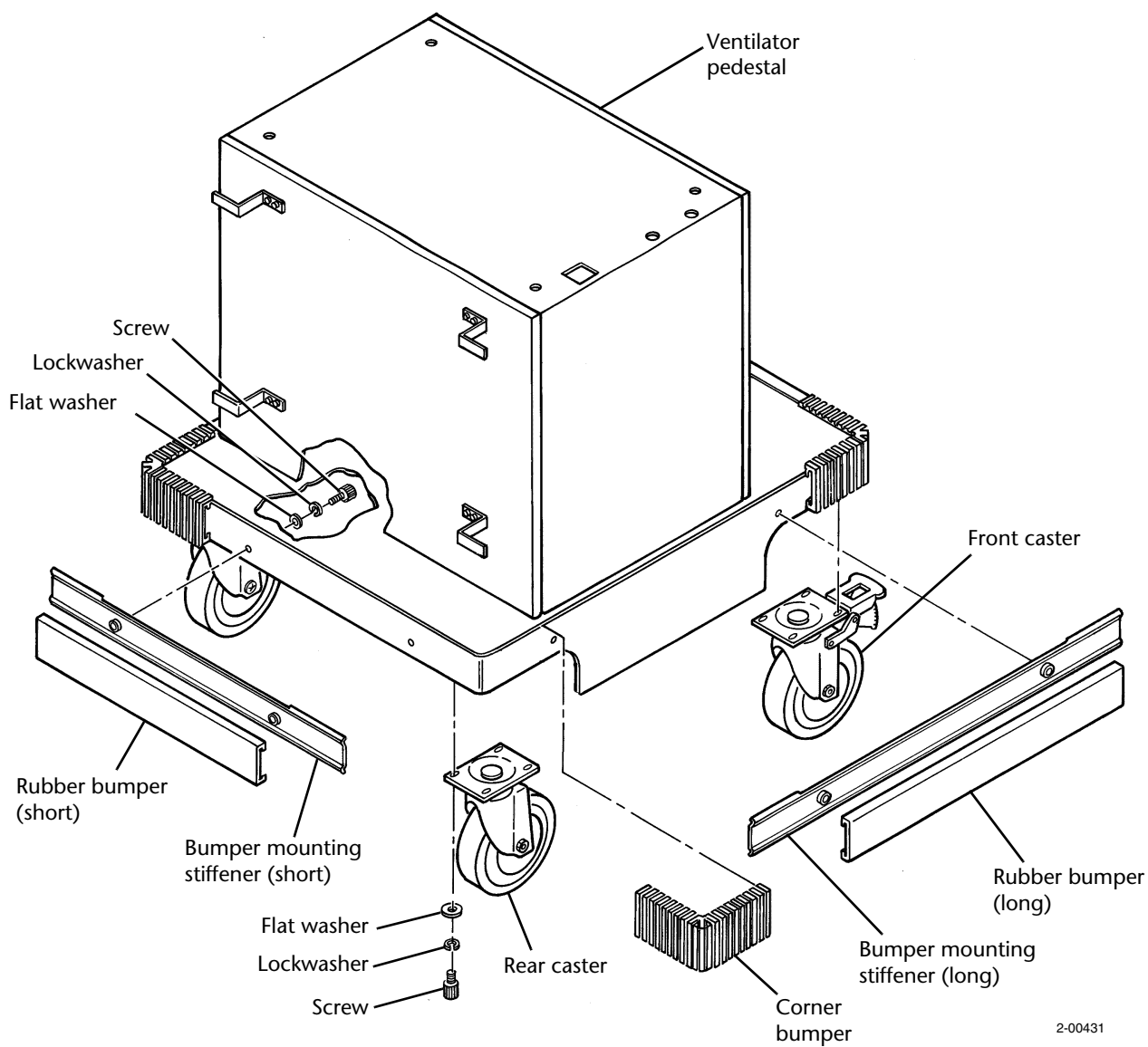


Figure 17-2. Removing Pedestal Bumpers and Casters

Repair: Ventilator Cart Assembly

The ventilator cart assembly is a movable support stand for a ventilator that is supplied without a compressor. The cart may have an optional drawer assembly.

This section includes removal and installation instructions for the cart and its serviceable components. Before repairing the cart assembly, familiarize yourself with the warnings, cautions, and general repair instructions in Section 8.

Warning

- Never attempt to push or pull a ventilator installed on a pedestal or cart while the brakes are set on the casters.
 - Always make sure the brakes are set on the casters to prevent inadvertent movement of the ventilator during repair.
 - To avoid personal injury or property damage, use two or more people to tilt or lift ventilator.
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18.1 Removal/Installation of Ventilator Cart Assembly

Warning

Set the brakes on both front casters to prevent movement of the ventilator during removal and installation of the cart assembly. Do not attempt to push or move the ventilator if the brakes are set.

Remove the ventilator cart assembly from the ventilator as follows, referring to Figure 18-1. Install by reversing removal procedures, making sure that the casters with brakes are lined up with the front of the ventilator.

1. Remove hose management brackets.
2. Remove four screws and four washers from welded nuts on ventilator.
3. Remove ventilator by lifting it off of cart.

18.2 Hose Management Bracket

Remove the hose management brackets from the ventilator cart as follows, referring to Figure 18-1. Install by reversing removal procedures.

1. Remove each hose management bracket by removing its screw from cart clip-nut.
2. Remove hose management bracket by removing it from slot in cart.

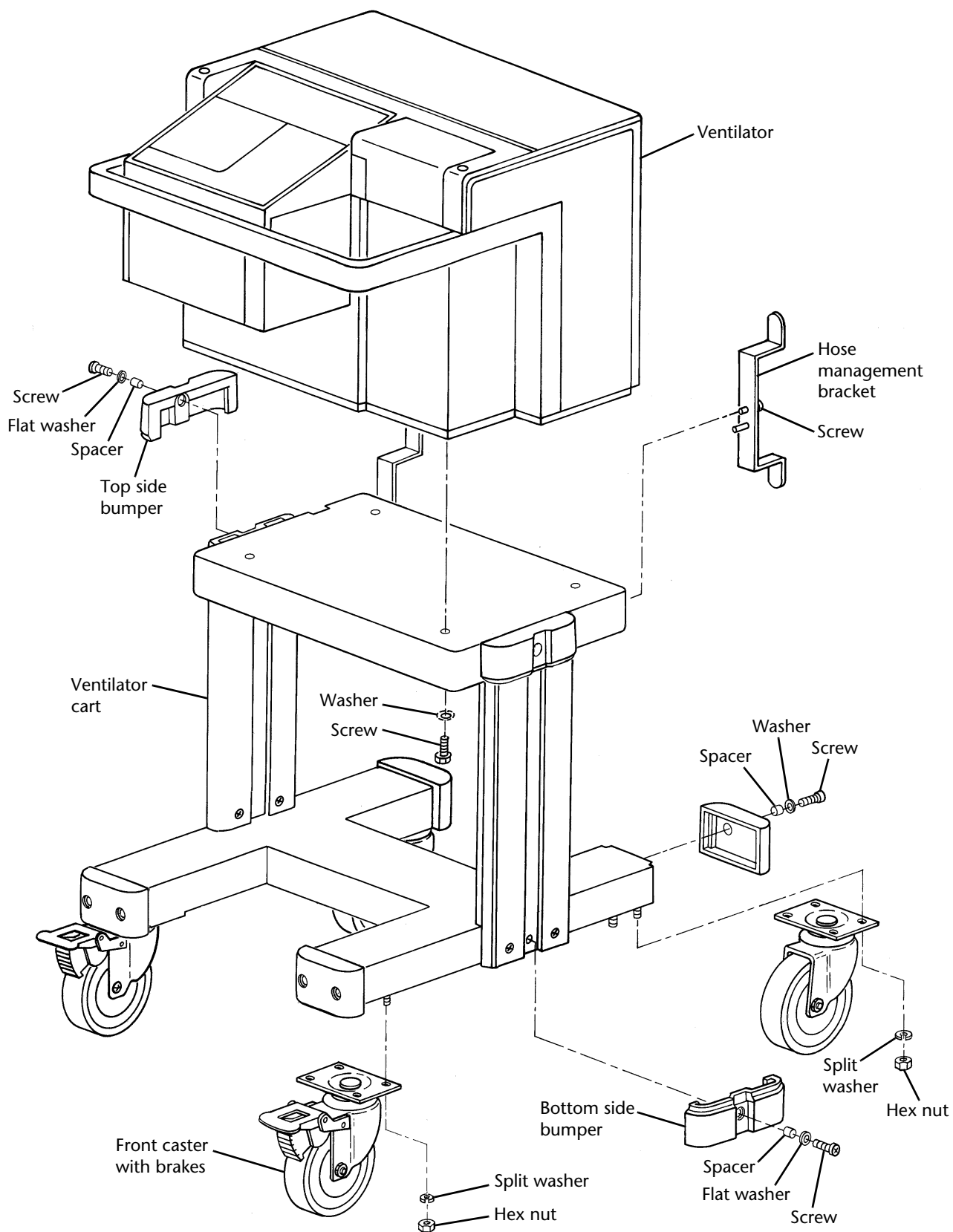
18.3 Casters

Front casters have brakes, while rear casters do not. Remove each caster by removing four hex nuts and four split washers from welded studs on the cart, referring to Figure 18-1. Install by reinstalling the hex nuts and split washers, making sure the casters with brakes are lined up with the front of the ventilator.

18.4 Bumpers

The ventilator cart has four base bumpers, two bottom side bumpers, and two top side bumpers. Remove bumpers as follows, referring to Figure 18-1. Install by reversing removal procedures.

1. Remove each top side bumper by removing one screw, one flatwasher, and one spacer, and then sliding bumper upward and away from cart.
2. Remove each bottom side bumper by removing one screw, one flatwasher, and one spacer, and then sliding bumper downward and away from cart.
3. Remove each base bumper by removing two screws, two washers, and two spacers, and then sliding bumper away from cart.



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Figure 18-1. Removing Ventilator Cart and Serviceable Parts

18.5 Ventilator Cart Drawer

The ventilator cart drawer can be pulled in and out on slides. Remove the drawer as follows, referring to Figure 18-2. Install by reversing removal procedures.

Warning

Set the brakes on both front casters to prevent movement of the ventilator during service to the cart assembly. Do not attempt to push or move the ventilator if the brakes are set.

Caution

To avoid damage to the cart, do not attempt to remove the two brackets or the two screws from the inside of the pillars on either sides of the cart.

1. Remove any heavy or breakable objects from drawer.
2. Remove tie-down by removing front screw from left-hand side of cart.
3. Remove aft screw and left-hand drawer slide from cart.
4. Remove tie-down by removing front screw from right-hand side of cart.
5. Remove aft screw and right-hand drawer slide from cart.
6. Remove drawer.

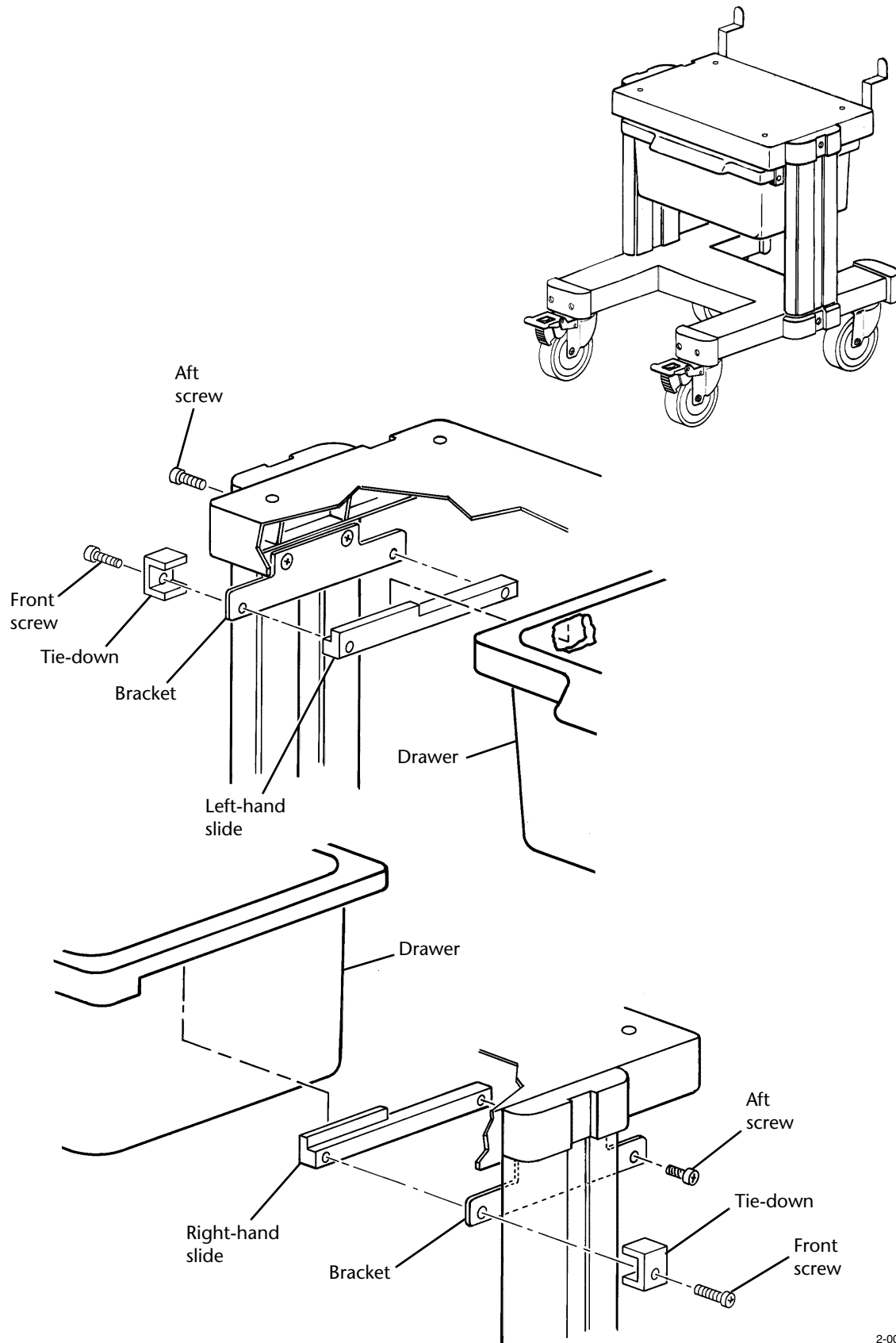


Figure 18-2. Removing Drawer from Ventilator Cart

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